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TECH CENTER 1600/240



1600

RAW SEQUENCE LISTING

DATE: 07/02/2003

PATENT APPLICATION: US/09/931,232

TIME: 08:02:06

Input Set : N:\efs\09931232\Seqlist.txt

Output Set: N:\CRF4\07022003\I931232.raw

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4 <110> APPLICANT: Li, Xianqiang
5   Kain, Steve
7 <120> TITLE OF INVENTION: Rapidly Degrading GFP-Fusion Proteins
8   and Methods of Use
10 <130> FILE REFERENCE: CLON075CON
12 <140> CURRENT APPLICATION NUMBER: 09/931,232
13 <141> CURRENT FILING DATE: 2001-08-15
15 <150> PRIOR APPLICATION NUMBER: 09/364,946
16 <151> PRIOR FILING DATE: 1999-07-30
18 <150> PRIOR APPLICATION NUMBER: 09/191,233
19 <151> PRIOR FILING DATE: 1998-11-13
21 <150> PRIOR APPLICATION NUMBER: 09/062,102
22 <151> PRIOR FILING DATE: 1998-04-17
24 <150> PRIOR APPLICATION NUMBER: 60/060,855
25 <151> PRIOR FILING DATE: 1997-10-02
27 <160> NUMBER OF SEQ ID NOS: 3
29 <170> SOFTWARE: FastSEQ for Windows Version 4.0
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 281
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Sequence of the EGFP-MODC422_461 fusion
38   protein.
40 <400> SEQUENCE: 1
41 Met Val Ser Lys Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu
42   1           5           10           15
43 Val Glu Leu Asp Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly
44   20           25           30
45 Glu Gly Glu Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile
46   35           40           45
47 Cys Thr Thr Gly Lys Leu Pro Val Pro Trp Pro Thr Leu Val Thr Thr
48   50           55           60
49 Leu Thr Tyr Gly Val Gln Cys Phe Ser Arg Tyr Pro Asp His Met Lys
50   65           70           75           80
51 Gln His Asp Phe Phe Lys Ser Ala Met Pro Glu Gly Tyr Val Gln Glu
52   85           90           95
53 Arg Thr Ile Phe Phe Lys Asp Asp Gly Asn Tyr Lys Thr Arg Ala Glu
54   100          105          110
55 Val Lys Phe Glu Gly Asp Thr Leu Val Asn Arg Ile Glu Leu Lys Gly
56   115          120          125
57 Ile Asp Phe Lys Glu Asp Gly Asn Ile Leu Gly His Lys Leu Glu Tyr
58   130          135          140

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```

59 Asn Tyr Asn Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn
60 145 150 155 160
61 Gly Ile Lys Val Asn Phe Lys Ile Arg His Asn Ile Glu Asp Gly Ser
62 165 170 175
63 Val Gln Leu Ala Asp His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Gly
64 180 185 190
65 Pro Val Leu Leu Pro Asp Asn His Tyr Leu Ser Thr Gln Ser Ala Leu
66 195 200 205
67 Ser Lys Asp Pro Asn Glu Lys Arg Asp His Met Val Leu Leu Glu Phe
68 210 215 220
69 Val Thr Ala Ala Gly Ile Thr Leu Gly Met Asp Glu Leu Tyr Lys Lys
70 225 230 235 240
71 Leu Ser His Gly Phe Pro Pro Glu Val Glu Glu Gln Asp Asp Gly Thr
72 245 250 255
73 Leu Pro Met Ser Cys Ala Gln Glu Ser Gly Met Asp Arg His Pro Ala
74 260 265 270
75 Ala Cys Ala Ser Ala Arg Ile Asn Val
76 275 280
78 <210> SEQ ID NO: 2
79 <211> LENGTH: 850
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Sequence of the EGFP-MODC422_461 fusion
85 protein.
87 <400> SEQUENCE: 2
88 atggtgagca agggcgagga gctgttcacc ggggtggtgc ccatcctggt cgagctggac 60
89 ggcgacgtaa acggccacaa gttcagcgtg tccggcgagg gcgagggcga tgccacctac 120
90 ggcaagctga ccctgaagtt catctgcacc accggcaagc tgcccgtgcc ctggcccacc 180
91 ctcgtgacca ccctgaccta cggcgtgcag tgcttcagcc gctacccgga ccacatgaag 240
92 cagcacgact tcttcaagtc cgccatgccc gaaggctacg tccaggagcg caccatcttc 300
93 ttcaaggacg acggcaacta caagacccgc gccgaggtga agttcgaggg cgacaccctg 360
94 gtgaaccgca tcgagctgaa gggcatcgac ttcaaggagg acggcaacat cctggggcac 420
95 aagctggagt acaactacaa cagccacaac gtctatatca tggccgacaa gcagaagaac 480
96 ggcataaagg tgaacttcaa gatccgccac aacatcgagg acggcagcgt gcagctcgcc 540
97 gaccactacc agcagaacac ccccatcggc gacggccccg tgctgctgcc cgacaaccac 600
98 tacctgagca cccagtccgc cctgagcaaa gaccccaacg agaagcgcga tcacatggtc 660
99 ctgctggagt tcgtgaccgc cgccgggata actctcgga tggacgagct gtacaagaag 720
100 cttagccatg gcttccccgc ggaggtggag gagcaggatg atggcacgct gccatgtct 780
101 tgtgccagg agagcgggat ggaccgtcac cctgcagcct gtgcttctgc taggatcaat 840
102 gtgtagatgc 850
104 <210> SEQ ID NO: 3
105 <211> LENGTH: 28
106 <212> TYPE: PRT
107 <213> ORGANISM: Mus musculus
109 <400> SEQUENCE: 3
110 His Gly Phe Pro Pro Glu Val Glu Glu Gln Asp Asp Gly Thr Leu Pro
111 1 5 10 15
112 Met Ser Cys Ala Gln Glu Ser Gly Met Asp Arg His

```

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25

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/931,232

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TIME: 08:02:07

Input Set : N:\efs\09931232\Seqlist.txt

Output Set: N:\CRF4\07022003\I931232.raw